

#4
5-1-98

Patent
Attorney's Docket No. 000475-205

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

O P E
M A R 2 5 1998
P A T & T R A D E M A R K O F F I C E
In re Patent Application of

Janel Jed Harrison, et al.

Application No.: 08/858,087

Filed: May 16, 1997

For: MICROFLUIDIC SYSTEM
AND METHODS OF USE

) Group Art Unit: 2204
Examiner: Unassigned

RECEIVED

APR 07 1998

MARSHAL CUSTODIAN
RECEIVED

RECEIVED

MAR 27 1998

GROUP 2500

**INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

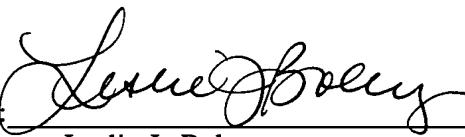
- No additional fee for submission of an IDS is required.
- The fee of \$240.00 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- A certification under 37 C.F.R. § 1.97(e), a petition requesting consideration of the information disclosure statement, and the petition fee of \$130.00 as set forth in 37 C.F.R. § 1.17(i) are also enclosed.
- Charge \$_____ to Deposit Account No. 02-4800 for the fee due.
- A check in the amount of \$_____ is enclosed for the fee due.

Information Disclosure Statement Transmittal Letter
Application Serial No. 08/858,087
Attorney's Docket No. 000475-205
Page 2

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in triplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By: 
Leslie J. Boley
Registration No. 41,490

P.O. Box 1404
Alexandria, Virginia 22313-1404
(650) 854-7400

Date: March 23, 1998



Patent
Attorney's Docket No. 000475-205

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Daniel Jed Harrison, et al.)
Application No.: 08/858,087) Group Art Unit: 2204
Filed: May 16, 1997) Examiner: Unassigned
For: MICROFLUIDIC SYSTEM)
AND METHODS OF USE)

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

U.S. Patent 4,399,225, to Hansen et al., dated August 16, 1983
U.S. Patent 4,504,443, to Hansen et al., dated March 12, 1985
U.S. Patent 4,973,561, to Hansen et al., dated November 27, 1990
U.S. Patent 5,460,945, to Springer et al., dated October 24, 1995
U.S. Patent 5,587,128, to Wilding et al., dated December 24, 1996
International Patent WO 93/22054, published November 11, 1993
International Patent WO 93/22055, published November 11, 1993
International Patent WO 93/22421, published November 11, 1993
International Patent WO 96/14934, published May 23, 1996
Boyum, *Scand. J. Clin. Invest.*; (1968) **21**, Suppl.97

Brody et al., *Solid-State Sensor and Actuator Workshop, Hilton Head, South Carolina*; (1996) 104-108

Brody, *The 8th International conference on Solid-State Sensors and Actuators, and Eurosensors IX, Stockholm, Sweden*; (1995) 779-782

Carlson, *White Blood Cell Penetration and Fractionation in a Microlithographic Array, Cambridge Healthtech Institute, 2nd Annual Microfabrication Technology for Biomedical Applications*; (October, 1996)

Crowley, *Biophys. J.*; (1973) **13**:711-724

Dower et al., *Nucleic Acids Res.*; (1988) **16**:6127-6145

Effenhauser et al., *Anal Chem*; (1993) **65**:2637-2642

Fan et al., *D.J. Anal Chem.*; (1994) **66**:177-184

Fettinger et al. *Sensors and Actuators B.*; (1993) **17**:19-25

Fluri et al., *Analy. Chem.*; (1996) **68**:4285-4290

Hagar et al., *Cell Calcium*; (1992) **13**:123-130

Harrison et al., *Science*; (1993) **261**:895-897

Kitagawa et al., *Electrophoresis*; (1995) **16**:1364-1368

Kricka et al., *Clin. Chem.*; (1993) **39/9**:1944-1947

Kricka et al., *Pure and Applied Chemistry*; (1996) **68**:1831-1836

Rech et al., *Nucleic Acids Res*; (1990) **18**:1313

Ruzicka, *Analyst*; (1994) **119**:1925-1934

Ruzicka, *Analyst*; (1996) **121**:945-950

Seiler et al., *Anal Chem*; (1993) **65**:1481-1488

Serpersu et al., *Biochim, Biophys, Acta*; (1985) **812**:779-785

Slappendel et al., *J.J. Blood*; (1994) **84**:904-909

Information Disclosure Statement
Application Serial No. 08/858,087
Attorney's Docket No. 000475-205
Page 3

Tracey, *IEEE Transactions on Biomedical Engineering*; (1995) **42/8**:751-761

Washizu, *Integrated Micro-Motion systems - Micromachining, Control and Applications* (1990) 417-431

Wilding et al., *Clin. Chem.*; (1994) **40/1**:43-47

Zimmermann et al., *Biophys. J.*; (1974) **14**:881-899

The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialled copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:


Leslie J. Boley
Registration No. 41,490

P.O. Box 1404
Alexandria, VA 22313-1404
Phone: (650) 854-7400

Date: March 23, 1998